

SEQUENCE LISTING

<110> Helperby Therapeutics Limited

<120> Pain Relief Agents

<130> HELBH/P28724PC

<140> PCT/GB2003/004774

<141> 2003-11-04

<150> GB0226105.5

<151> 2002-11-08

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<170> SeqWin99

<210> 1

<211> 1620

<212> DNA

<213> Mycobacterium tuberculosis

<400> 1

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 <212> PRT
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<400> 2

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Ala 450	Pro	Leu	Phe	Trp	Ile	Ala 455	Ala	Asn	Ala	Gly	Leu 460	Asp	Gly	Ser	Val

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Asn Thr Leu Ser Tyr Gly Asp Leu Ala Ala Asp Gly Val Ile Asp Pro
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Val Lys Val Thr Arg Ser Ala Val Leu Asn Ala Ser Ser Val Ala Arg
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 <213> Mycobacterium tuberculosis

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Thr Ala Thr Val Ala Ala Val Arg Gly Arg Asn Val Ala Ala Gly Ala
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Gly Met Arg Asp Lys Gly Tyr Ser Gly Tyr Val Thr Asp Arg Ala Val
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Asp Tyr Val Ser Ser Lys Val Ser Thr Val Lys Asp Lys Val Gly Ala
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Gly Lys Ala Asp Val Gly Ala Ser Thr Val Val Asn Lys Arg Gly Thr
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Lys Ser Val Ala Val Lys Ala Gly Gly Asp Arg Arg Lys Ala Met Asp
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Met Ala Thr Gly Gly Val Ser Val Gly Thr Asn Ala Asp Ser Gly Lys
195 200 205

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Thr Asp Ala Ala Gly Arg Val Ala Arg Asn Ser Asp Ser Asp Tyr Asp
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Arg Lys Arg Ala Lys Ala Gly Gly Val Ala Val Lys Ala Gly Ala Ala
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Ala Thr Gly Ala Asn Val Lys Val Ala Ala Lys Ala Asn Ser Gly Gly
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Glu Gly Asp Thr Val Ile Tyr Ser Lys Tyr Gly Gly Thr Glu Ile Lys
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Val Val Ser Lys
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